

Well Works Permits Application Guideline

2

To be used in conjunction with the Well Works Permit application form

July 2009

SECTION OF THE APPLICATION FORM:

1. Type of Well Works Permit

You must indicate whether you wish to construct a new well, alter an existing well, replace an existing well or to alter the type or conditions of an existing works permit you already hold.

Replacement wells must be for the same purpose and constructed within 20m of the original well. The old replaced wells will need to be decommissioned accordingly.

2. Details of the applicant

The applicant must be a legal entity. This means an individual person or a legal entity such as a company.

In addition the applicant must have legal access to the land of the proposed works. If you are not the owner of the land you must provide proof of access (lease agreement, written permission for access, or contract note).

3. Details of property and location of proposed works

You must provide details of the property and location of the proposed works. Ideally attach a map with the proposed site of works marked.

If you are not the owner of the land which the well works will be undertaken, the application must be accompanied by evidence of the owner's consent. If you have recently acquired access to the land a notice of acquisition, purchase contract, lease agreement or certificate of title should be attached.

Proposed siting of your well

When siting your proposed well or bore you will need to consider many factors including accessibility to the proposed site, whether it is

prone to flooding, what type of pump will need to be installed and if it will need power. In some instances you may be required to advertise your application to take and use groundwater and we recommend speaking to your neighbours before you site your bore.

As a general guide, the following are the recommended minimum buffer distances:

Building foundations: 3 metres

Power lines: 6 metres

Drainage pipes: 20 metres

Storage sheds or feedlots: 20 metres

Irrigation channels: 20 metres

Septic tanks or drain field systems: 40 metres

Lakes, wetlands or watercourses: 250 metres

A bore not in your ownership: 300 metres

You should check your permit conditions as actual distances specified on your permit may be greater than or less than those listed above.

4. Proposed use of your well

You must indicate how you intend to use the groundwater. The following categories apply:

• Domestic and/or Stock

If you are a landowner and you are planning to use the water for **domestic and stock purposes only**, it is likely that you will only need a low-yielding bore. Generally, these provide a daily *Proposed use (continued)*

volume of between 0.01 to 0.22 megalitres per day. This would provide more than enough water for you to meet your domestic needs and water your vegetable/home garden.

• Commercial

If you are planning to use the water for **irrigation, dairying or commercial purposes**, you may need a higher yielding bore. To help us assess your application quickly, you need to provide additional

information about the area to be irrigated, the type of crops you are planning to grow, the proposed extraction rate and daily volume required.

- **Town Water Supply** - water supply for Urban Water Authorities.
- **Investigation or Observation** – where a bore is drilled for investigation purposes or to monitor groundwater (not for extraction of groundwater).
- **Other** – Wells for other extraction purposes such as major dewatering, salinity management or ASR.

Note: (Investigation and monitoring/observation wells do not currently require a permit)

Proposed Volume of extraction

If the groundwater is to be used for domestic and/or stock purposes, you are likely to require a lower volume bore and do not need to complete this section of the form.

If the water is for irrigation purposes you are more likely to need a high volume bore to supply the volume of water you need, at the rate you require. The volume of water you require will depend on a number of factors including the area to be irrigated, the proposed type of irrigation method and frequency of irrigations, the type of crops to be grown and your dependence upon groundwater as a major water supply source.

You should enter the volume of water you would ideally want should the well be successful including as much information about the type of use as possible. If you need help determining your required volume please contact your regional water management officer or view the webpage www.dpipwe.tas.gov.au/water

5. Existing Water Licence

Complete this section if you already hold a water licence of any type in Tasmania.

6. Details of new well(s)

Complete this section if you are constructing a new well. If you are planning on constructing more than one well attach additional information for each well. A description of different types of well

is below:

Drilled bores: In most parts of Tasmania, drilled bores are the most common. The depth to groundwater will usually depend on the area and what quantities are required.

Spear point: Generally found in areas where the aquifer is shallow and low yielding (e.g. coastal sand areas)

Excavation: This is an excavated hole, such as a traditional dug well or pit.

Improved Spring: Can be any well works undertaken to improve the yield of a natural spring.

7. Details of Well to be altered or replaced

Complete this section only if you are replacing or altering an existing well. Attach as much information as possible about your existing well including an accurate location. If you do not know your borehole ID number contact the Department to find out

8. Licensed Driller to undertake construction

Only licensed Tasmanian water well drillers can construct a well deeper than 3 meters. If you have already contacted a driller or drilling company

9. Consultant engaged

If you have engaged a consultant to plan or supervise the works enter their contact details here.

10. Applicant Declaration

The application form must be signed by the applicant or an authorised individual pertaining to the applicant. False or misleading information may result in application refusal or subsequent cancellation of an issued permit.

Should DPIPWE issue any permit, it is not to be interpreted as an endorsement of the design and/or construction of existing works. We do not accept any responsibility or liability for any lawsuit or action arising from injury, loss, damage or death to person or property which may arise from the maintenance, existence or use of the works.

Lodge your application with your local Regional Water Management Officer or send to;

Licensing and Administration - Well Works Permits
DPIPWE
GPO Box 44
Hobart TAS 7001